



# TRANSMITTAL FORM

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Total Number of Pages in This Submission

Application Number	09/424,627
Filing Date	November 24, 1999
First Named Inventor	Tsuyoshi Maeda
Group Art Unit	2871
Examiner Name	James Andre Dudek
Total Number of Pages in This Submission	Attorney Docket Number 9319S-000109

## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application)  <input checked="" type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  <b>Submission of Formal Drawings Return Receipt Postcard</b>
	Remarks	The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name G. Gregory Schivley Bryant E. Wade	Reg. No. 27,382 40,344
Signature			
Date	October 29, 2002		

## CERTIFICATE OF MAILING/TRANSMISSION

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Typed or printed name	G. Gregory Schivley	Bryant E. Wade	
Signature		Date	October 29, 2002

08 - 02



PATENT

#7  
2-11-03  
C. Brown

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/424,627

Filing Date: November 24, 1999

Applicant: Tsuyoshi Maeda

Group Art Unit: 2871

Examiner: James Andre Dudek

Title: LIQUID CRYSTAL DEVICE AND ELECTRONIC APPARATUS

Attorney Docket: 9319S-000109

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Commissioner of Patents and Trademarks  
Washington, D.C. 20231

SUBMISSION OF FORMAL DRAWINGS

Sir:

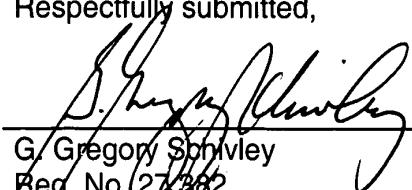
In response to the Notice of Allowance dated September 20, 2002, enclosed please find 17 sheets of corrected formal drawings (Figures 1-20c) for the above-identified application.

Favorable consideration and acceptance of these formal drawings is respectfully requested.

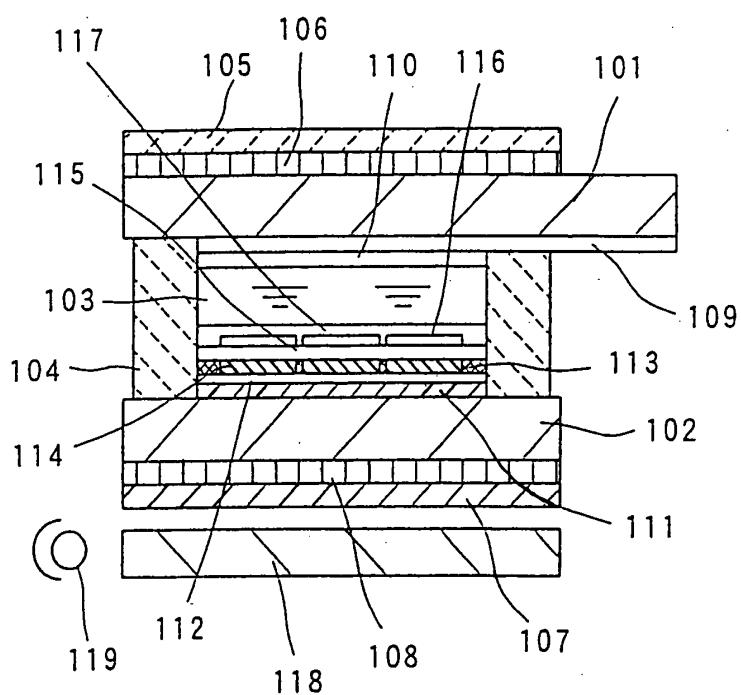
Respectfully submitted,

Dated: Oct 29, 2002

By:

  
G. Gregory Spivley  
Reg. No. 27,362  
Bryant E. Wade  
Reg. No. 40,344

HARNESS, DICKEY & PIERCE, P.L.C.  
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Bloomfield Hills, Michigan 48303  
(248) 641-1600



*Fig. 1*



Title: LIQUID CRYSTAL DEVICE AND ELECTRONIC APPARATUS

Inventor: Tsuyoshi MAEDA

Atty. Ref. No.: 9319S-000109

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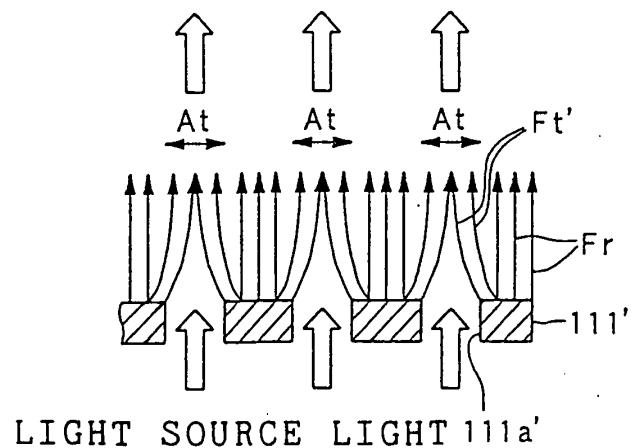


Fig. 2a

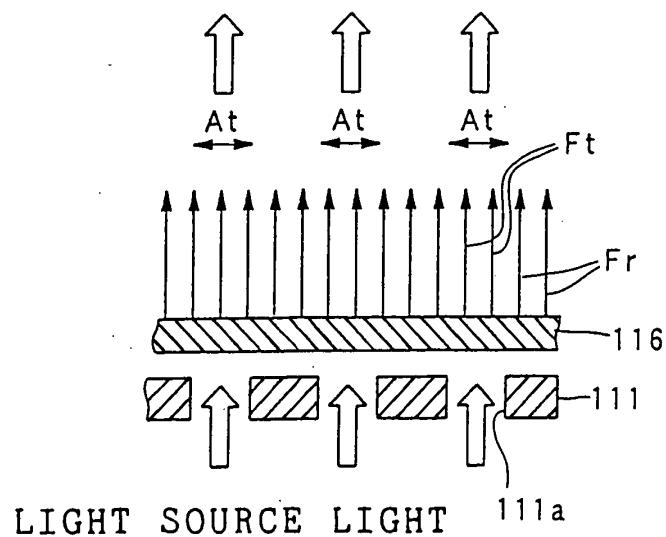


Fig. 2b

O I P E  
NOV 04 2002  
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Title: LIQUID CRYSTAL DEVICE AND ELECTRONIC APPARATUS  
Inventor: Tsuyoshi MAEDA  
Atty. Ref. No.: 9319S-000109

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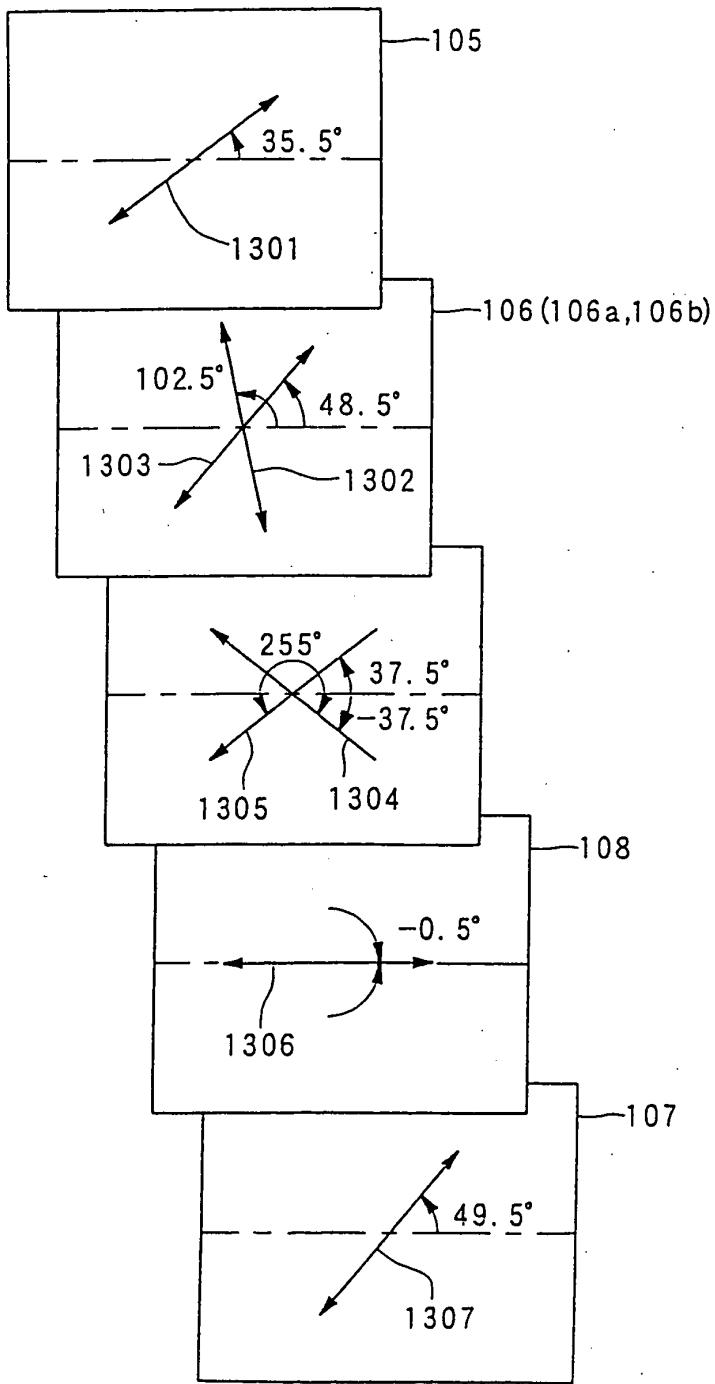


Fig. 3

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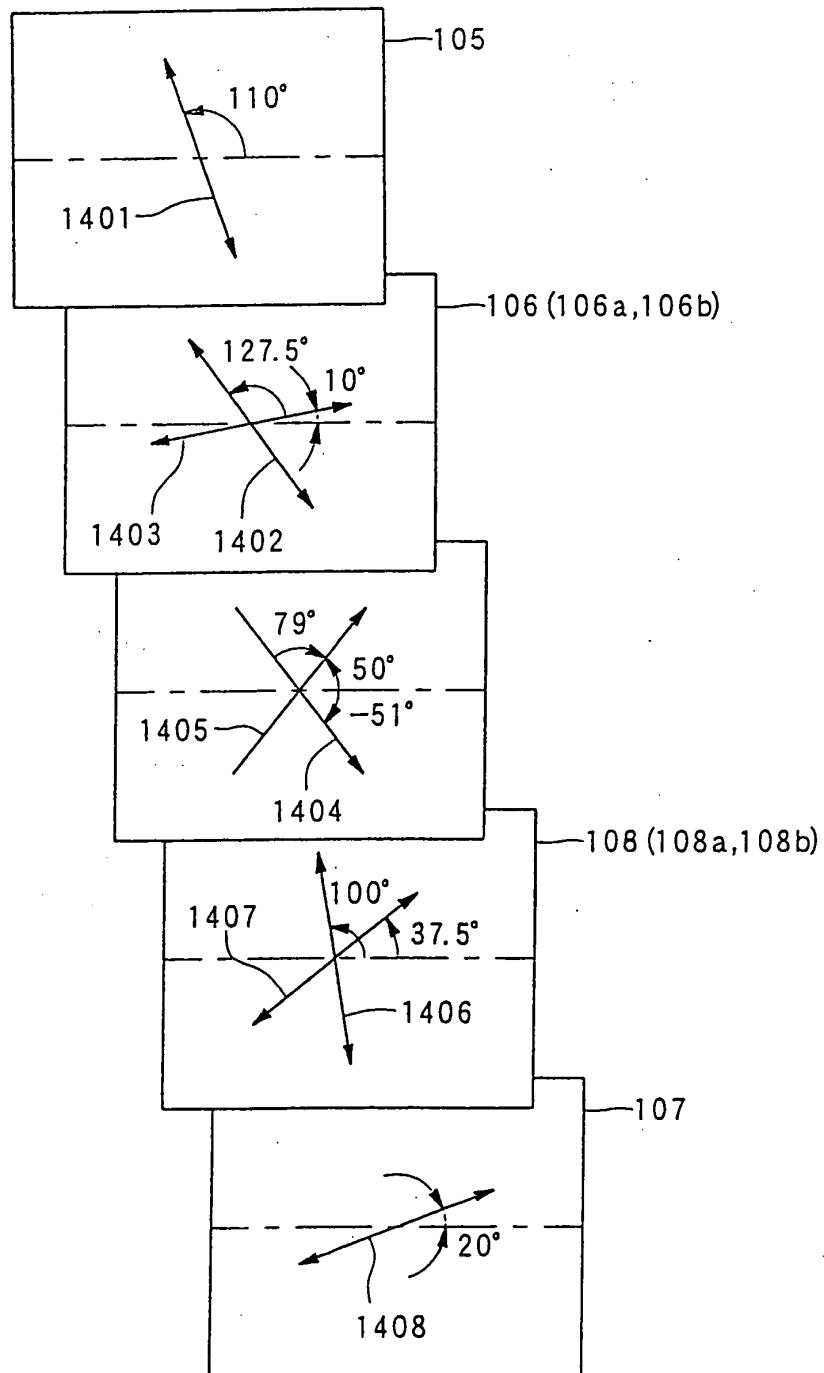
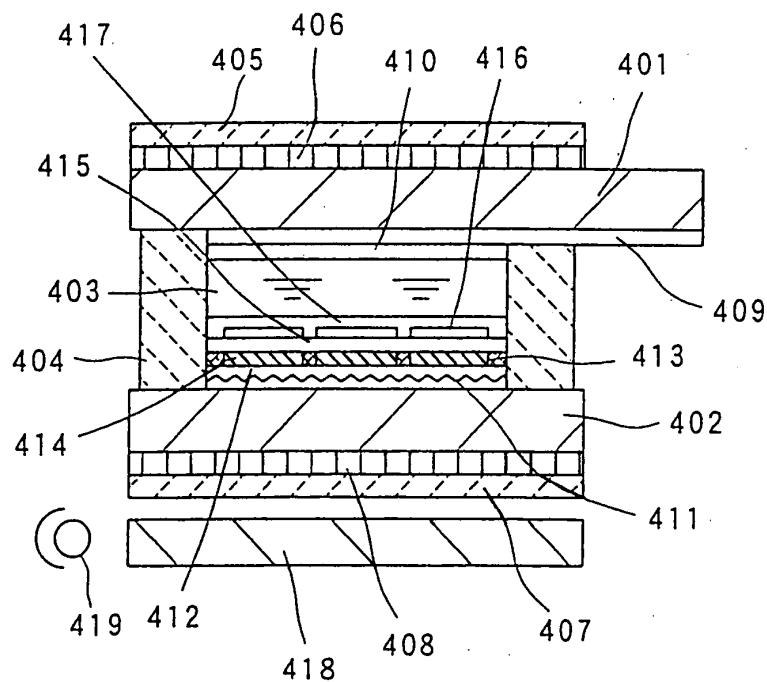


Fig. 4



*Fig. 5*

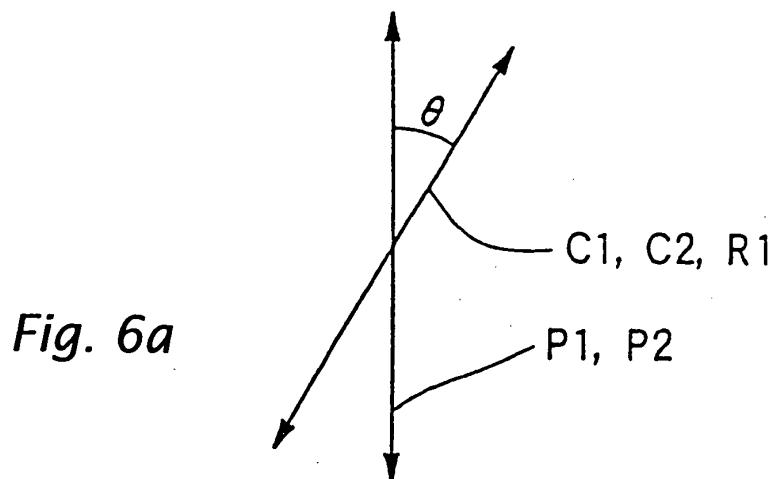


Fig. 6a

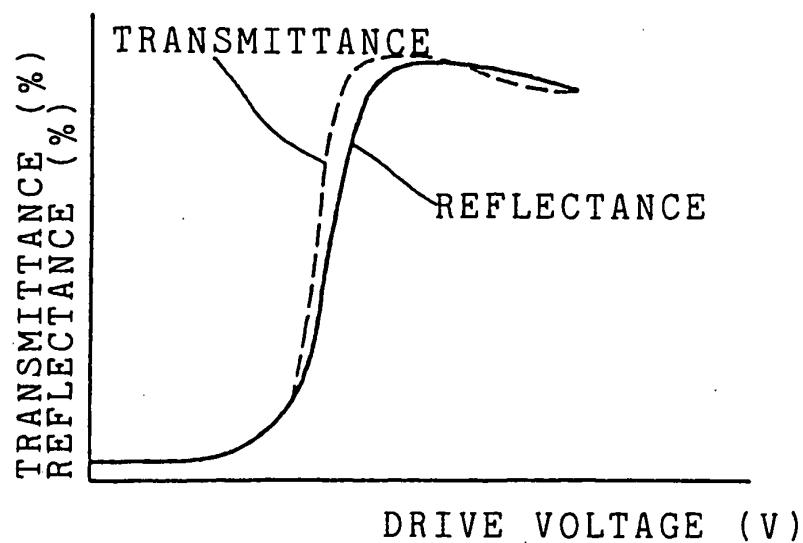
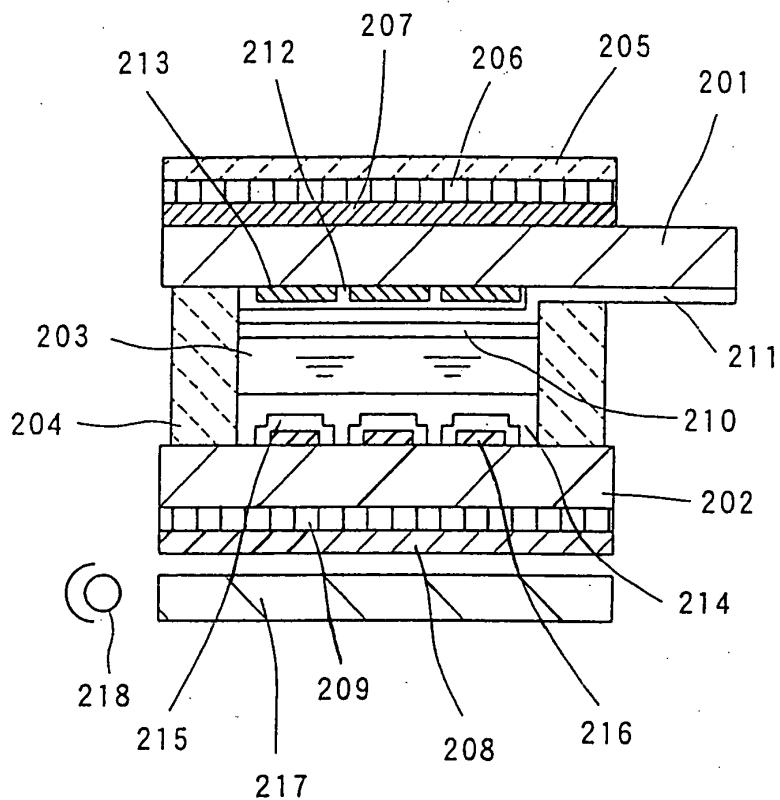


Fig. 6b



*Fig. 7*

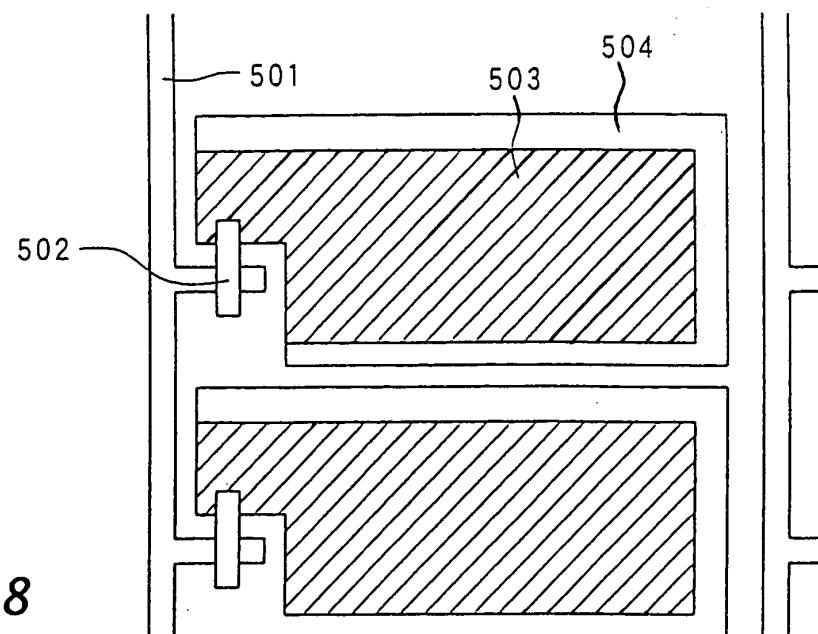


Fig. 8

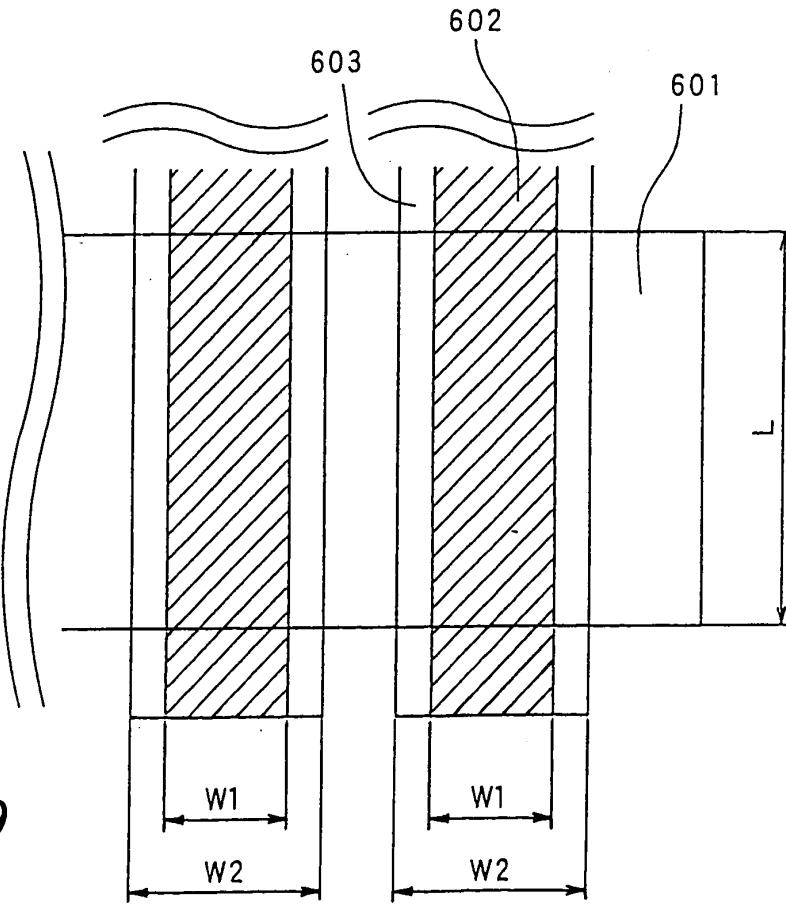
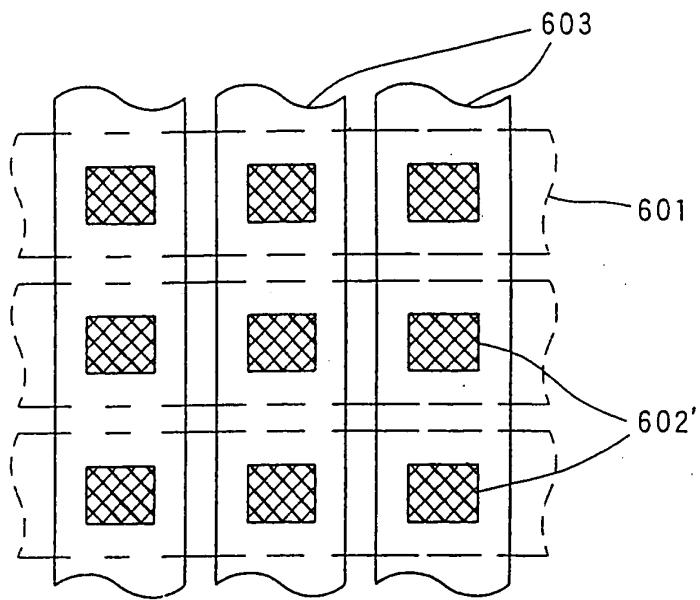


Fig. 9



*Fig. 10*



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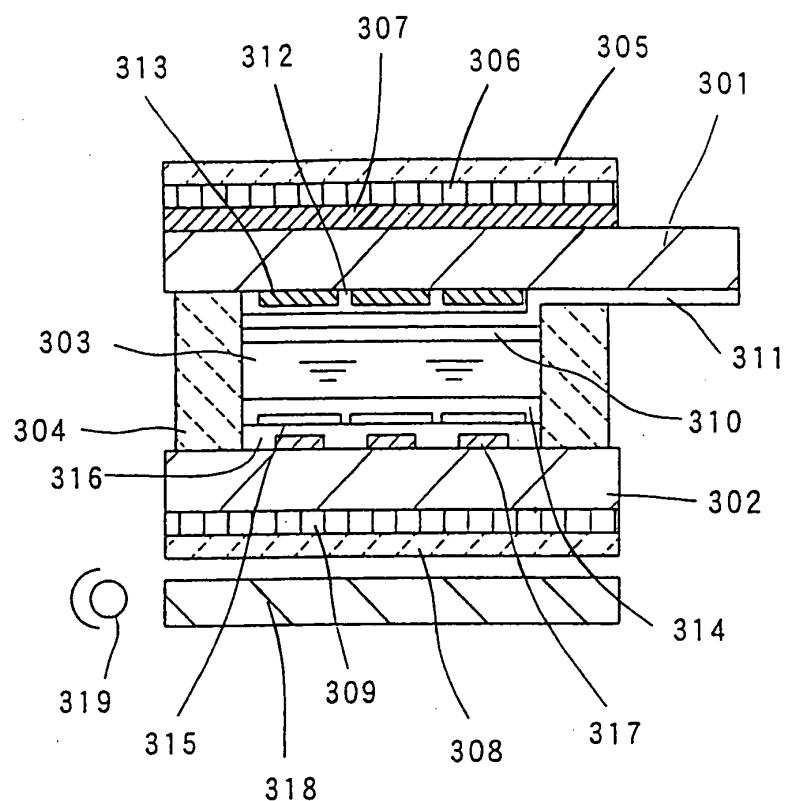


Fig. 11

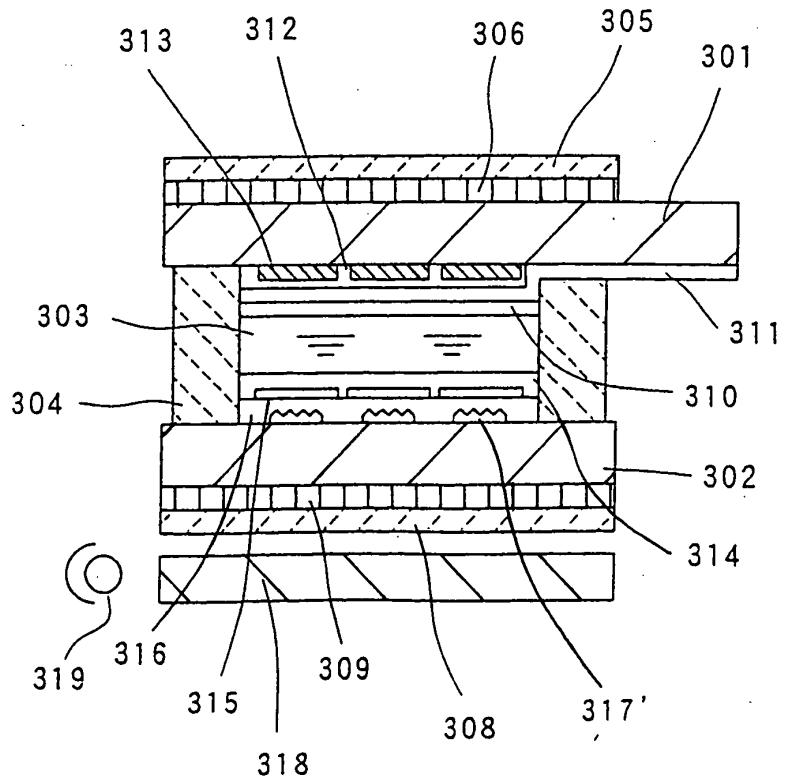


Fig. 12

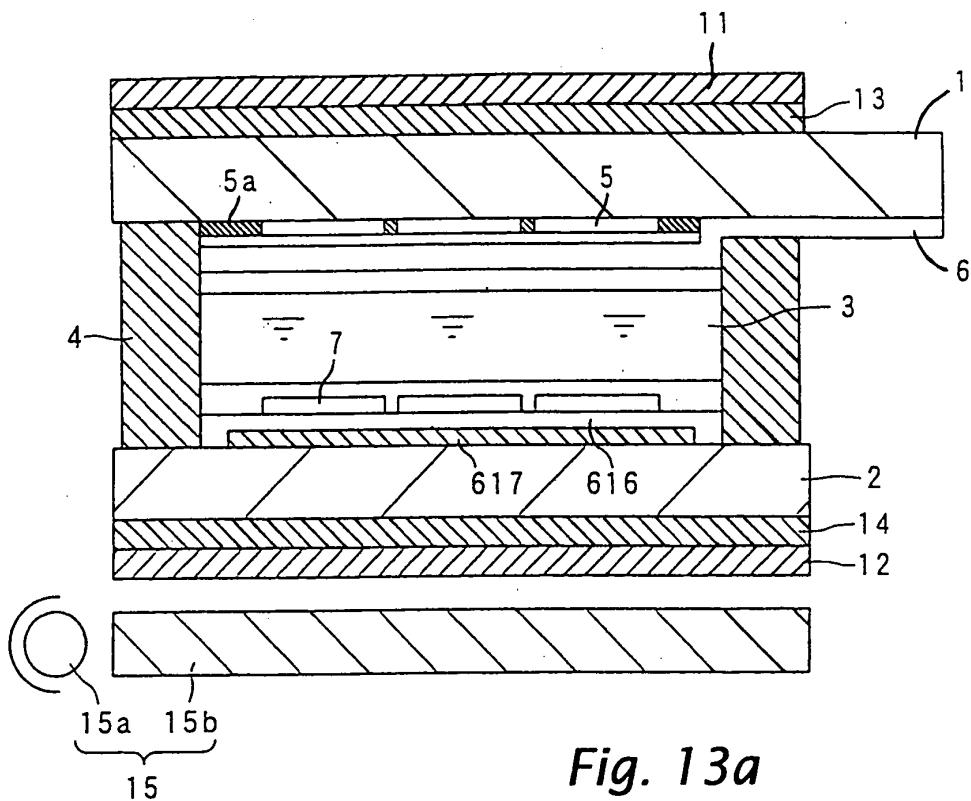


Fig. 13a

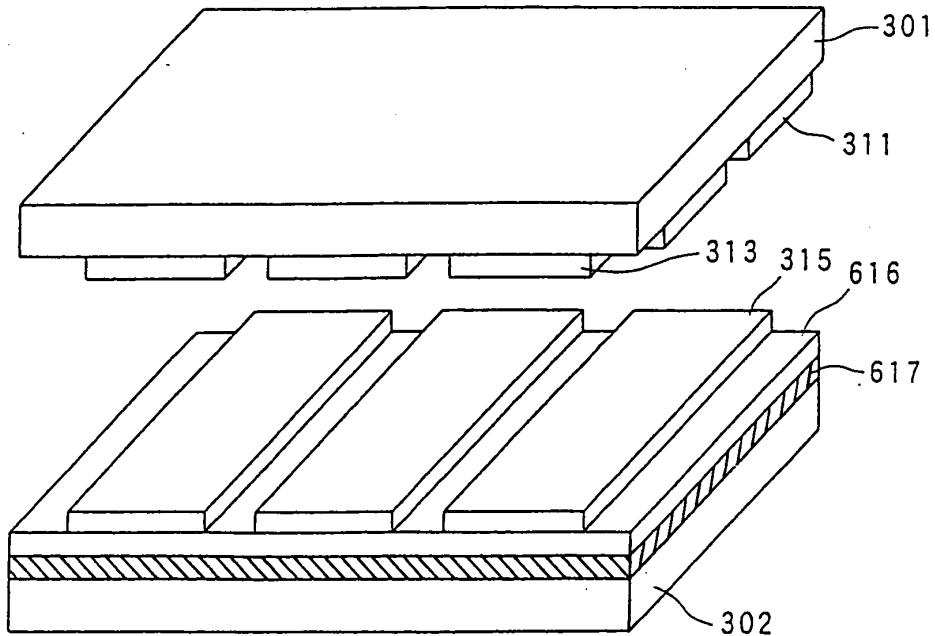


Fig. 13b



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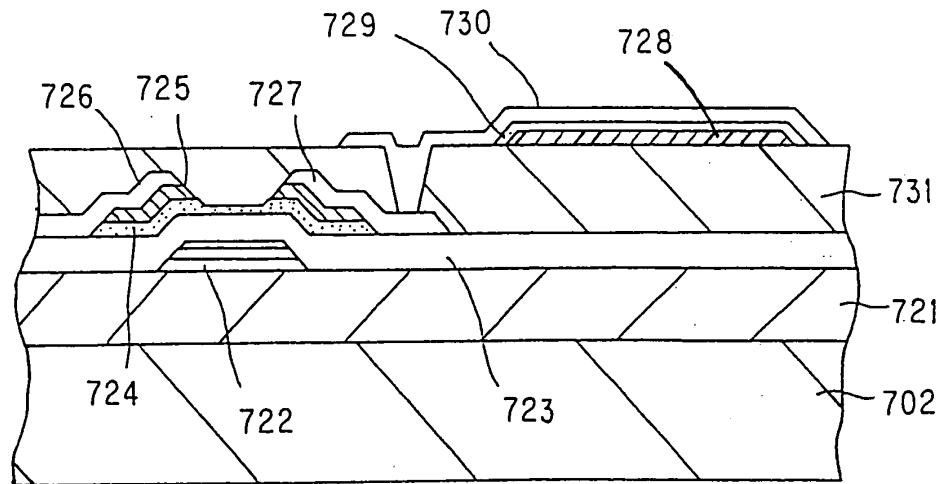


Fig. 14

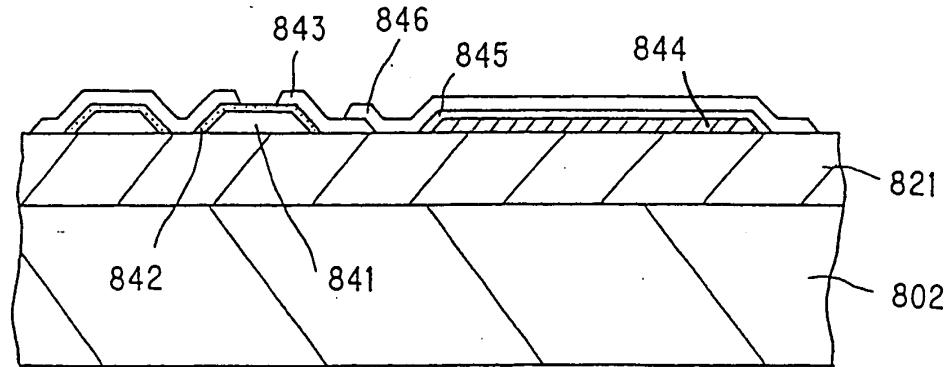
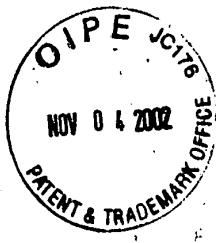


Fig. 15



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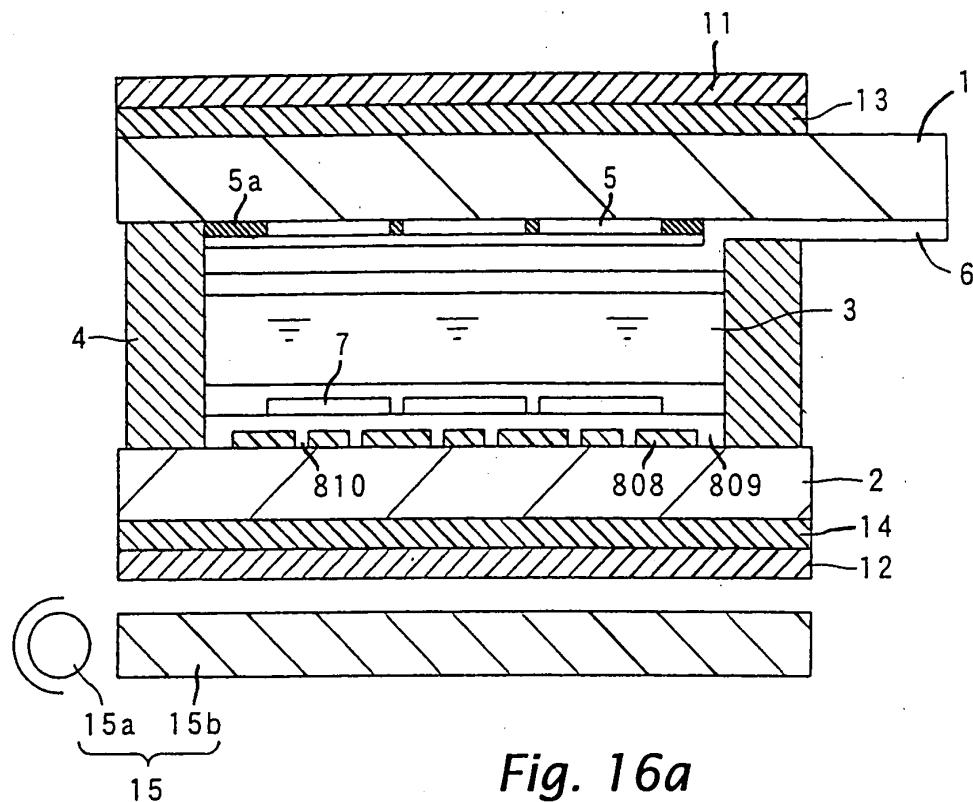


Fig. 16a

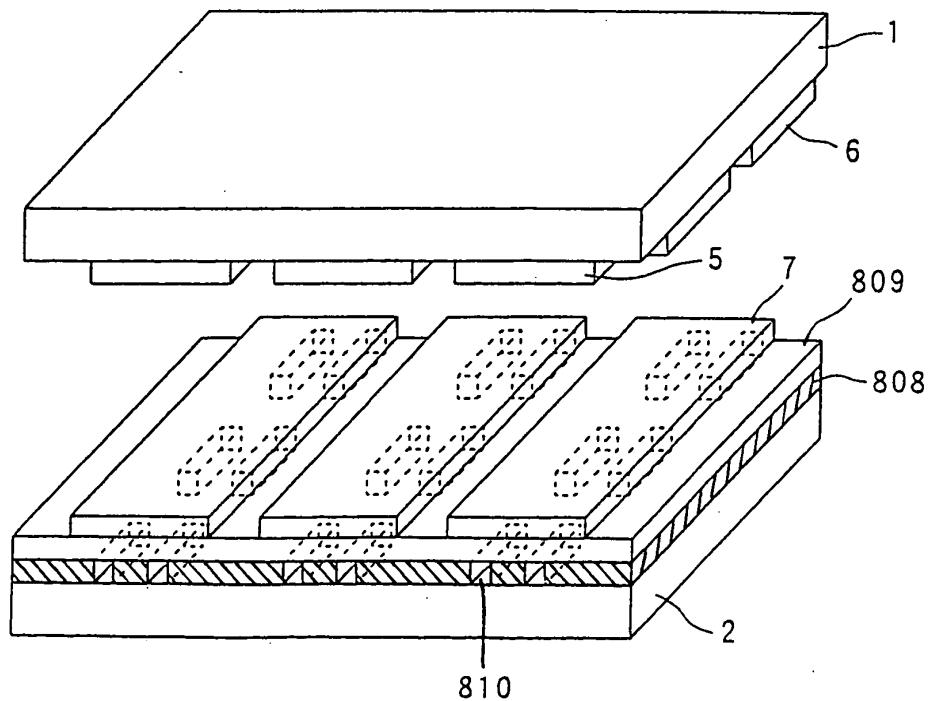
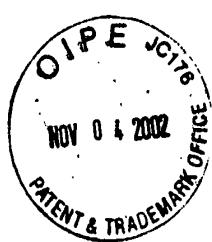


Fig. 16b



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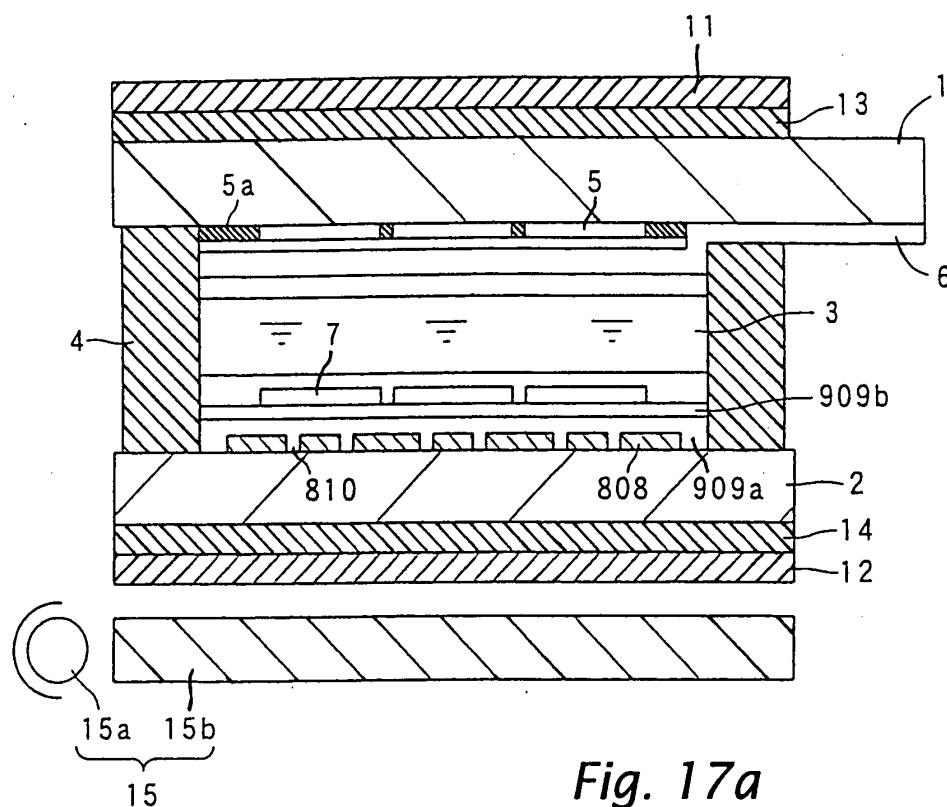


Fig. 17a

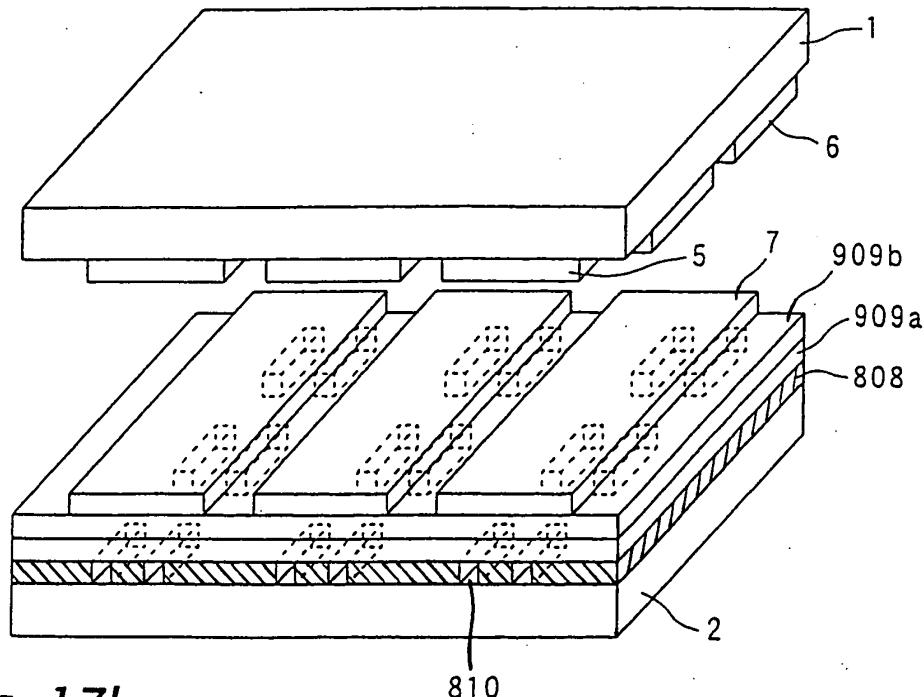


Fig. 17b

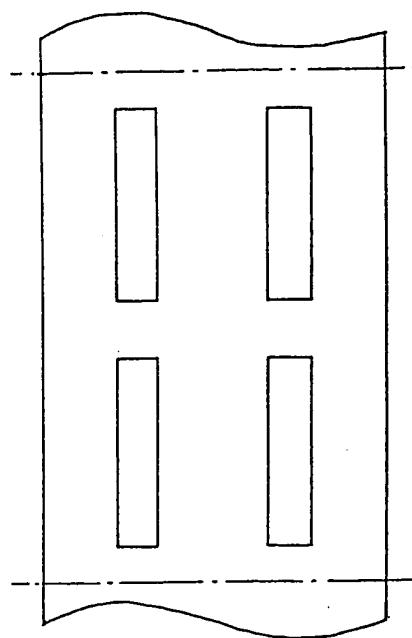


Fig. 18a

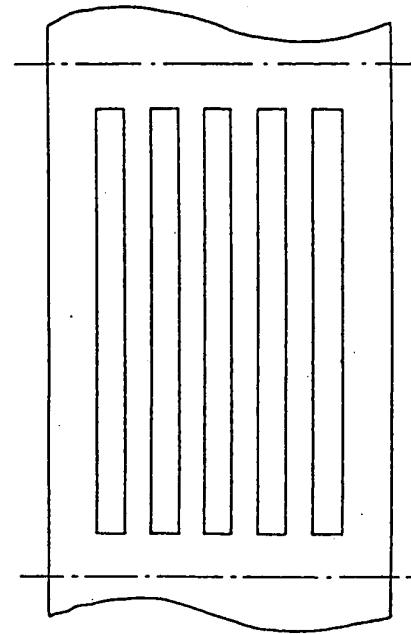


Fig. 18b

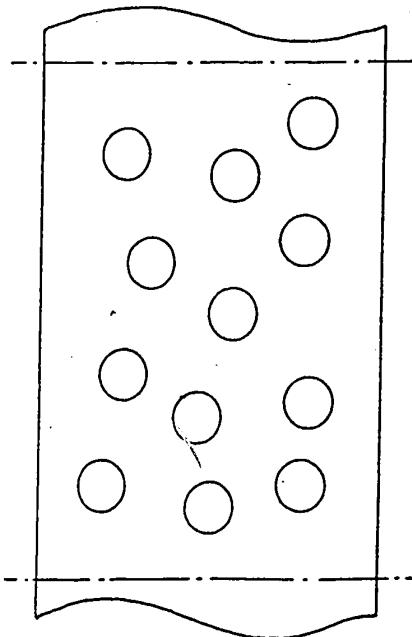


Fig. 18c

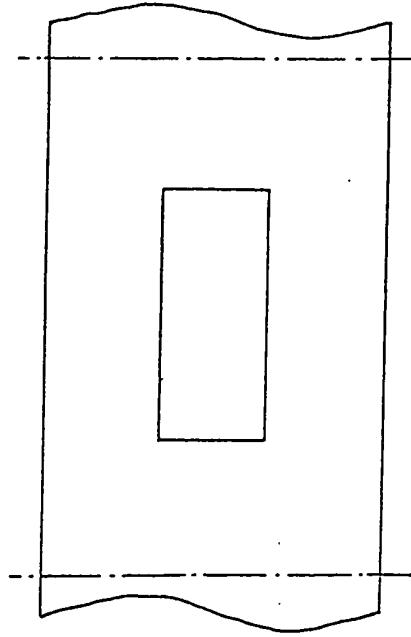


Fig. 18d



Title: LIQUID CRYSTAL DEVICE AND ELECTRONIC APPARATUS  
Inventor: Tsuyoshi MAEDA  
Atty. Ref. No.: 9319S-000109

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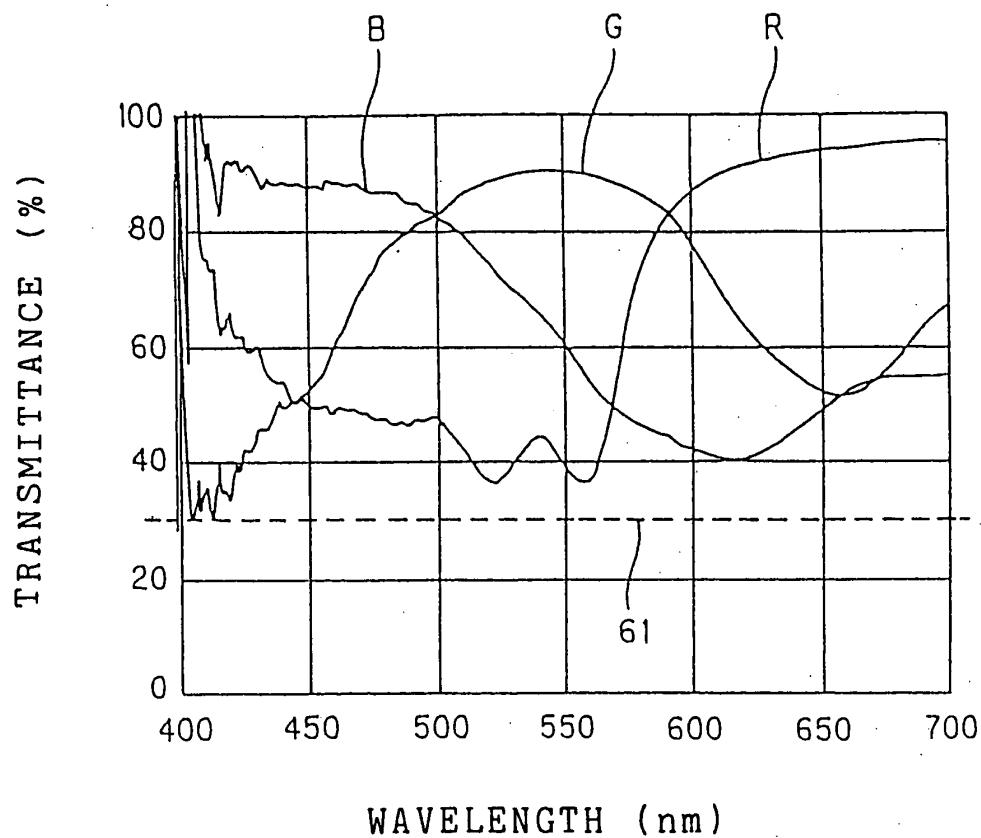


Fig. 19



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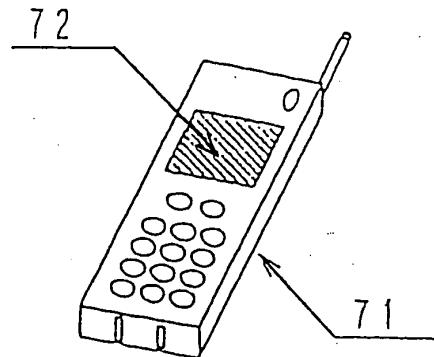


Fig. 20a

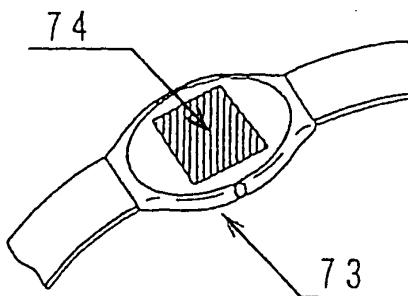


Fig. 20b

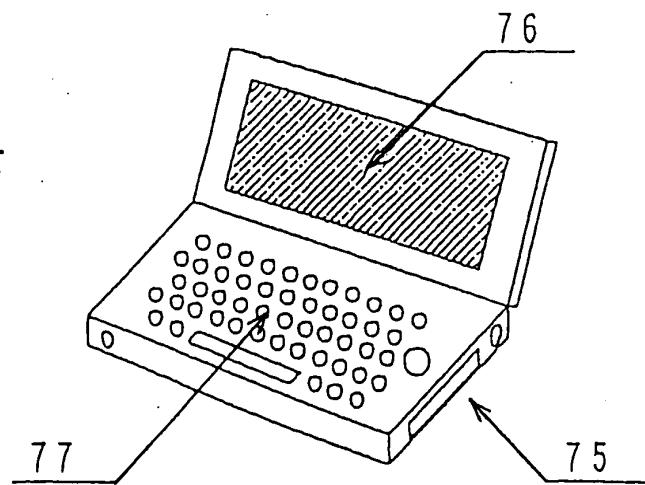


Fig. 20c